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APPLICATION NO.	FIL	ING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/719,161	11	/21/2003	Howard G. Pinder	A-9495	2359
5642	7590	09/28/2005		EXAM	INER
		NTA, INC.	CHAI, LONGBIT		
INTELLECTUAL PROPERTY DEPARTMENT 5030 SUGARLOAF PARKWAY				ART UNIT	PAPER NUMBER
LAWRENC	WRENCEVILLE, GA 30044			2131	
				DATEMAN ED ARRONA	_

Please find below and/or attached an Office communication concerning this application or proceeding.

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	Application No.	Applicant(s)					
	10/719,161	PINDER ET AL.					
Office Action Summary	Examiner	Art Unit					
	Longbit Chai	2131					
The MAILING DATE of this communication app Period for Reply	ears on the cover sheet with the c	orrespondence address					
A SHORTENED STATUTORY PERIOD FOR REPLY WHICHEVER IS LONGER, FROM THE MAILING DA - Extensions of time may be available under the provisions of 37 CFR 1.13 after SIX (6) MONTHS from the mailing date of this communication. - If NO period for reply is specified above, the maximum statutory period w - Failure to reply within the set or extended period for reply will, by statute, Any reply received by the Office later than three months after the mailing earned patent term adjustment. See 37 CFR 1.704(b).	ATE OF THIS COMMUNICATION 36(a). In no event, however, may a reply be tin vill apply and will expire SIX (6) MONTHS from cause the application to become ABANDONE	N. nely filed the mailing date of this communication. ED (35 U.S.C. § 133).					
Status							
1) Responsive to communication(s) filed on 27 Ju	<u>ıly 2005</u> .						
	action is non-final.						
3) Since this application is in condition for alloward closed in accordance with the practice under E	,						
Disposition of Claims							
4)⊠ Claim(s) <u>5-9,11 and 12</u> is/are pending in the application.							
4a) Of the above claim(s) is/are withdray	4a) Of the above claim(s) is/are withdrawn from consideration.						
5) Claim(s) is/are allowed.	5) Claim(s) is/are allowed.						
6) Claim(s) <u>5-9,11 and 12</u> is/are rejected.	6)⊠ Claim(s) <u>5-9,11 and 12</u> is/are rejected.						
7) Claim(s) is/are objected to.							
8) Claim(s) are subject to restriction and/or	r election requirement.	•					
Application Papers							
9) The specification is objected to by the Examine	r.						
10)⊠ The drawing(s) filed on 22 March 2004 is/are: a	a)⊠ accepted or b)□ objected t	o by the Examiner.					
Applicant may not request that any objection to the	drawing(s) be held in abeyance. See	e 37 CFR 1.85(a).					
Replacement drawing sheet(s) including the correcti	= : :	•					
11)☐ The oath or declaration is objected to by the Ex	aminer. Note the attached Office	Action or form PTO-152.					
Priority under 35 U.S.C. § 119							
12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f). a) ☐ All b) ☐ Some * c) ☐ None of:							
 Certified copies of the priority documents 	s have been received.						
2. Certified copies of the priority documents	* *						
3. Copies of the certified copies of the prior	-	ed in this National Stage					
application from the International Bureau	, , , , , , , , , , , , , , , , , , , ,						
* See the attached detailed Office action for a list of the certified copies not received.							
*							
Attachment(s)	A 1 1-4 C	(DTO 443)					
1)	4) 🔲 Interview Summary Paper No(s)/Mail Da						
Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08) Paper No(s)/Mail Date 4/26/2005.		Patent Application (PTO-152)					
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DETAILED ACTION

Claims 1 – 12 have been presented for examination. Claims 1 – 4 and 10 have been canceled; claims 5, 6 and 9 have been amended in an amendment filed
 7/27/2005.

Response to Arguments

2. Applicant's arguments filed on 7/27/2005 with respect to the subject matter of the instant existing claims have been fully considered but are not persuasive. For the claim limitations of associated amended claims, see the same reasons as that set forth in the following Office action.

Priority

3. Applicant's claims for benefit of Continuation-in-part of Application priority date under 35 U.S.C. 120 is acknowledged.

Applicant has not complied with one or more conditions for receiving the benefit of an earlier filing date under 35 U.S.C. 120 as follows:

The application is filed on 11/21/2003 but all of the claims 1 - 12 are not solely directed to originally supported subject matter present in the parent application (for example, related to paragraph [0041] – [0043] that is newly disclosed in the present application).

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However, the later-filed application must be an application for a patent for an invention which is also disclosed in the prior application (the parent or original nonprovisional application or provisional application); the disclosure of the invention in the parent application and in the later-filed application must be sufficient to comply with the requirements of the first paragraph of 35 U.S.C. 112. See *Transco Products, Inc. v. Performance Contracting, Inc.*, 38 F.3d 551, 32 USPQ2d 1077 (Fed. Cir. 1994).

As a result, all of the claims 1 - 12 will not receive benefit of the filing date of the earlier file application, and thereby the effective filing date for the subject matter defined in the pending claims in this application remains 11/21/2003.

Claim Rejections - 35 USC § 102

The following is a quotation of the appropriate paragraph of 35 U.S.C. 102 that forms the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

- (e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.
- 4. Claims 5 9 and 11 12 are rejected under 35 U.S.C. 102(e) as being anticipated by Unger (Patent Number: 2003/0026423).

As per claim 5, Unger teaches a method for receiving a clear transport stream and for providing an encrypted transport stream, the clear stream including a plurality of

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programs, each program comprising a plurality of packets each having a packet identifier (PID), the method comprising the steps of:

scrambling the clear transport stream according to a first encryption method to provide a first encryption program (Unger, see for example, Paragraph [0096]);

Simultaneously scrambling the clear transport stream according to a second encryption method to provide a second encryption program (Unger, see for example, Paragraph [0096] and [0042]: Unger teaches – simultaneously, the clear audio is encrypted using a second encryption system B);

passing packets of the clear transport stream to a multiplexer, wherein when at least one critical packet is identified in the packets of the clear transport stream, the critical packet of the clear stream drops and the scrambled critical packets included in the first and second encryption programs pass to the multiplexer (Unger, see for example, Paragraph [0056] – [0068], [0092], and Paragraph [0096]: This is equivalent to the "insert" function); and

multiplexing the passed packets of the clear transport stream and the critical packets of the first and second encryption programs to provide a partial dual-encrypted stream (Unger, see for example, Paragraph [0080], [0068], [0056] – [0068], [0092], and Paragraph [0096]),

wherein a program association table is provided along with the partial dualencrypted stream indicating a plurality of first program numbers associated with the critical packets of the first encryption stream and a plurality of second program numbers for the passed packets of the clear stream and the critical packets of the second encryption stream (Unger, see for example, Paragraph [0048] – [0050], [0080], [0068], [0056] – [0068], [0092], and Paragraph [0096]).

As per claim 6, Unger teaches the claimed invention as described above (see claim 5). Unger further teaches each of the plurality of second program numbers indicates a program map table, wherein the program map table includes packet identifiers identifying the critical packets of the first and second encryption programs and the passed packets of the clear transport stream, (Unger, see for example, Paragraph [0048] – [0050], [0056] – [0068], [0080], [0092], [0096]), wherein an incumbent program map table including the plurality of first program numbers is unaltered (Unger, see for example, Paragraph [0037]: Unger teaches the original PID (i.e., legacy program number) continues to be used and tagged on the packets so that the system can properly decrypt the legacy encryption programs).

As per claim 7, Unger teaches the claimed invention as described above (see claim 6). Unger further teaches remapping at least one PID value associated with the second encryption program, whereby the scrambled packets of the first and second encryption programs each have a differing PID value, wherein the different PID values are reflected in the program map table associated with each of the plurality of second program numbers (Unger, see for example, Paragraph [0085] and Figure 6 Element 324 & 330).

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As per claim 8, Unger teaches the claimed invention as described above (see claim 5). Unger further teaches the first program map tables includes a plurality of packet identifiers for one of the first encryption stream and a clear stream, and wherein the second program map tables includes the plurality of packet identifiers for one of the first encryption stream and the clear stream and a plurality of packet identifiers for the second encryption stream (Unger, see for example, Paragraph [0048] – [0050], [0056] – [0068] and Paragraph [0096]).

As per claim 9, Unger teaches a method for receiving a clear transport stream and for transmitting an encrypted transport stream, the clear transport stream including a plurality of programs, each program comprising at least one elementary stream, the at least one elementary stream comprising a plurality of packets each having a packet identifier (PID), the method comprising the steps of:

scrambling with a first scrambler a first clear transport stream according to a first encryption method to provide a first encrypted program (Unger, see for example, Paragraph [0096]);

identifying a critical packet associated with a second clear transport stream, wherein prior to identification, the second clear transport stream is allowed to pass and the first encrypted program drops, and wherein subsequent to identification, the identified critical packet associated with the first encrypted program passes to a multiplexer, and the identified critical packet associated with the second clear transport stream is provided to a second scrambler (Unger, see for example, Figure 8 &

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Paragraph [0068], [0096], [0048] - [0050] and [0056] - [0067]);

scrambling the critical packet associated with the second clear transport stream according to a second encryption method to provide a second encrypted program, wherein the second encrypted program is provided to the multiplexer (Unger, see for example, Paragraph [0096], [0048] – [0050] and [0056] – [0068]); and

multiplexing non-critical packets associated with the second clear transport stream and the encrypted critical packets associated with the first and second encrypted programs to provide a partial dual-encrypted stream (Unger, see for example, Paragraph [0068], [0096], [0048] – [0050] and [0056] – [0068]),

wherein a program association table is provided along with the partial dual-encrypted stream indicating a plurality of first program numbers associated with the critical packets associated with the first encrypted program and a plurality of second program numbers associated with the non-critical packets associated with the second clear transport stream and the critical packets associated with the second encrypted program (Unger, see for example, Paragraph [0068], [0048] – [0050], [0056] – [0068] and Paragraph [0096]), wherein each of the plurality of second program numbers indicates a novel program map table, wherein the novel program map table includes packet identifiers identifying the critical packets associated with the second encrypted program, and wherein each of the plurality of first program numbers indicates an unaltered program map table (Unger, Paragraph [0037]: Unger teaches the original PID (i.e., legacy program number) continues to be used and tagged on the packets so that the system can properly decrypt the legacy encryption programs)..

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As per claim 11, Unger teaches the claimed invention as described above (see claim 10). Unger further teaches remapping at least one PID value associated with the second encrypted program, whereby the scrambled packets of the first and second encrypted programs each have a differing PID value, wherein the different PID values are reflected in the program map table associated with each of the plurality of second program numbers (Unger, see for example, Paragraph [0085] and Figure 6 Element 324 & 330).

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As per claim 12, Unger teaches the claimed invention as described above (see claim 10). Unger further teaches a set-top for decrypting the second encrypted program retrieves packets determined by the program map table associated with one of the plurality of second program numbers, wherein a packet identifier is associated with one of the critical packets of the second encrypted program and the non-critical packets of the clear transport stream (Unger, see for example, Paragraph [0048] – [0050], [0056] – [0068] and Paragraph [0096]).

Conclusion

THIS ACTION IS MADE FINAL. Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire THREE MONTHS from the mailing date of this action. In the event a first reply is filed within TWO MONTHS of the mailing date of this final action and the advisory action is not mailed until after the end of the THREE-MONTH shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than SIX MONTHS from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Longbit Chai whose telephone number is 571-272-3788. The examiner can normally be reached on Monday-Friday 8:00am-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Ayaz R. Sheikh can be reached on 571-272-3795. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Business Center (EBC) at 866-217-9197 (toll-free).

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Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic

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